LET	ALTERATION	DATE
L	TRACED TO DATE	6-16-37
M	ON -10 ASSY. ADDED 28E2066-7 (1), 28E1105-4 (1), AN520-6-5 (4)	
N	3/4 WAS 1/2 WT. WAS 1 DIM.	11-5-40
P	ADDED TO FACE 1 1/16 DIA. 1 HOLE & #31 (.120) 4 HOLES TO MATCH NAF 1077-12. ADDED -12 TO REPLACE -5 FOR SHIPS PBY-5 CONT. 91876 BU 4435 HULL 607 & ON, & PBY-5A CONT. 88476 SHIPS 53 & ON, ON FACE & B/M. WT. CHG. NEG.	4-10-42
Q	ADDED -31 NO WT. CHG.	4-5-43
R	CREATED -38 ASSY SAME AS -31 ASSY EXCEPT IN L.H. CORNER ADDED #31 (.120) 4 HOLES & CHG. DIM. OF RECPT. MTG. HOLE TO 1 1/16. REMOVED C.91876 1-90. FROM -5 ASSY. WT. CHG. NEG.	
S	ON FACE FOR -7, REMOVED ... AL AL ANGLE ... ALCOA KG240 ... REMOVED ... AL ALLOY ... ALCOA KG240 ... ADDED MAT'L NOTES #1 & #2 WT. CHG. NEG.	

C.O. 5529
E.O. 21696
E.O. A34745
E.O. #A55704
MCR173 (2)

FLAT PATTERN-4

FLAT PATTERN-3 SCALE 3"=1'0" APP.

FLAT PATTERN-2 SCALE 3"=1'0" APP.

HINGE MUST BE FLUSH WITH FRONT FACE OF BOX

SPOTWELD ANGLE TO BOX 6 PLACES AS SHOWN

AN 455-D3-4 2 REQ ON BOTH ENDS SPOTWELD HINGE TO BOX & COVER

AN 251-10 ALCLAD HINGE 24 ST CUT HINGE FLANGE FACING COVER TO 13/32 CUT CORNERS 45°

1/4 DIA HOLES 19 REQ

#19 (.166) DRILL 30 HOLES

WELD ALL CORNERS

THIS SIDE OF BOX ONLY

BOTTOM FACE .040 ALCLAD SHT 24S SPEC 47A6 COND A

AN 442-D4

SPOTWELD ANGLE TO BOX 5 PLACES AS SHOWN

WELD ALL CORNERS

WELD ALONG THESE EDGES

FLANGE OF -4

PART-3

HINGED COVER USED ON 28F1112 ASSY .051 ALCLAD SHT 24S SPEC 47A6 COND A H.T. SR-53

HINGED COVER USED ON 28F1112 -10 ASSY.

#19 (.166) 8 HOLES & 6 4 HOLES THESE HOLES FOR -9 COVER ONLY

3/4 FLANGE ON COVER AS SHOWN BELOW FLANGE THESE SIDES ONLY

HAVE ALL OTHER PANEL STOP FLANGES & CUT CORNERS AT 45° WHERE SHOWN ONLY

BEND LINE

ON -10 ASSY ONLY:
28E2066-7 BLOCK (1)
AN520-6-5 (2)
DRILL #28 (.140) 4 HOLES
28E1105-4 BLOCK (1)
AN520-6-5 (2)

AN 455-D3-4

AN 515-8-12 AN 960-8 CASING

INSIDE BOX TO INSIDE COVER

CUT BOTTOM FACE TO 2 3/64

AN 251-4 ALCLAD HINGE 24 ST CUT HINGE FLANGE FACING COVER TO 13/32

TYPICAL SECTION OF -2

SECT AA

#19 (.166) DRILL 6 HOLES FOR -5 -31 -38

1/4 DIA 3 HOLES FOR -5 & -31, 38

1/2 R CUT FLANGES 5 PLACES FOR -5 & -31, -38

1/2 FLANGE ON THESE SIDES OF COVER ONLY FOR -5 & -31, 38

HINGED COVER .051 ALCLAD SHT 24S SPEC 47A6 COND A H.T. SR-53

#31 (.120) 4 HOLES FOR -38

4 5/8 INSIDE BOX

AN 455-D3-4 2 REQ ON BOTH ENDS OF HINGE SPOTWELD HINGE TO BOX & COVER 6 PLACES AS SHOWN

1 1/16 DIA. HOLE FOR -38 ONLY

DRILL #28 (.140) 8 HOLES 4 HOLES FOR -38

BOX (-5) .045 ALCLAD SHT 24S SPEC 47A6 COND A ALL FLANGES ARE 1/2" WIDE & SPOTWELD 3/4 APP ON CENTERS

BOX (-2) .040 ALCLAD SHT 24S SPEC 47A6 COND "A" ALL FLANGES ARE 1/2" WIDE & SPOTWELD 3/4 APP ON CENTERS

#31 (.120) 4 HOLES TO MATCH NAF. 1077-12 (FOR -12)

A = 3/4 PBY-1
B = 7/8 "
A = 3/4 PBY-2
B = 5/8 " & -31 ASSY.
B = 1 1/16 -38 ASS'Y.

NOTES:
ALL PARTS USED ON ALL ASSY EXCEPT AS NOTED 28F1112-10 SAME AS 28F1112 EXCEPT FOR DRILLED HOLES FOR MK XXXV BOMB RACK SWITCHES.

(8) MATERIAL NOTES-
1-MAT'L. FOR -7 MAY BE-
(A) Y-2-A12T X 8 7/16, OR
(B) KG240 X 8 7/16, AL. AL. EXTR., SPEC. QQ-A-331-T.
2-MAT'L. FOR -8 MAY BE-
(A) Y-2-A12T X 5 13/16, OR
(B) KG240 X 5 13/16, AL. AL. EXTR., SPEC. QQ-A-331-T.

FOR ALL FUTURE PARTS ON PBY-2 SEE DWG 28F3112

ALL BEND RADII TO BE 1/16

FINISH Z-P ALL OVER
2 GP OUTSIDE OF BOX
2 DULL BLACK ENAMEL ON OUTSIDE OF COVER
2 BLACK ASPHALT VARNISH ON INSIDE OF BOX & COVER

GP-GREEN PRIME
FINISH COL:

DASH	MODEL	NEXT ASSY	REQ.	STD PARTS		
-38	PBY-5	28F3112	1			
-31	PBY-5A	28F3112	1			
-9	28-5MF-AMN	28F3112	1			
-8	28-5MF-AMN		1			
-7	28-5MF-AMN		1			
-5	28-5MF-AMN		1	28E1105-4		1
-9	28-5MN		1	28E2066-7		1
-8	28-5MN		1			
-7	28-5MN		1			
-5	28-5MN		1	AN520-6-5		4
-9	28-5MC		1		3	3
-8	28-5MC		1		1	1
-7	28-5MC		1	AN251-6	1	1
-5	28-5MC		1		3	6
-31	PBY-5A		1			
-9	PBY-5A		1			
-8	PBY-5A		1			
-7	PBY-5A		1			
-5	PBY-5A	28F3112	1		6	6
				28F1112-31		
-9	PBY-5	28F3112	1		6	6
-8	PBY 5	28F3112	1	28F1112-12	1	1
-7	PBY 5	28F3112	1			1
-5	PBY-5	28F3112	1			1
-6	PBY-3	28F3112				
-9	PBY-3					
-5	PBY-3					
-10	PBY-2					
	PBY-1	28F1112				
-9	PBY-3	28F3112				
D.N.	MODEL	NEXT ASSY	REQ.	STD PARTS		

REQUIREMENTS PER AIRPLANE — PARTS LIST PER ASSY.

REPLACES
REPLACED BY
LIMIT ON DIMENSIONS UNLESS OTHERWISE SPECIFIED ±
[redacted]

APPROVED 6-16-36 DATE
CALC. WT. .499 ACT. WT.
SCALE AS NOTED
NAVY: NOTED — MATERIAL
NOTED — SPEC.
NOTED — HEAT TREAT
NOTED — FINISH
DRAFT CHECK EXAM. ENG.

CONSOLIDATED AIRCRAFT CORP. BUFFALO, N.Y.

NAME: SWITCH PANEL-FURN-BOMBERS

J 28F1112

H 275